

Review answers:

1. Google the definitions!
2. A. 101.1 g/mol
b. 96.0 g/mol
c. 331.8 g/mol
d. 32 g/mol
e. 164.1 g/mol
f. 331.2 g/mol
3. skip
4. a. 0.215 moles
b. 0.352 moles
c. 3.60×10^{-3} moles
d. 12.8 g
e. 1.29 g
f. 85.4 g
5. a. 9.03×10^{20} atoms
b. 80.0 g
c. 1.63×10^{22} atoms
d. 1.84×10^{23} atoms
e. 3.27×10^{-14} g
6. N_2O_5
7. MgO
8. C_6H_6 and N_2O_4
9. $\text{C}_6\text{H}_{12}\text{O}_6$
10. 88.9% Oxygen
11. 78% iron and 22% oxygen